PJ 1743

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:		CERTIFICATE OF MAILING			
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DAVID J. BEEBE ET AL.)	being deposited with the United States			
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Serial No.: 10/045,937		envelope addressed to: Mail Stop Box			
)	Amendment - Fee, Commissioner for			
Filed: October 19, 2001		Patents, P.O. Box 1450, Alexandria, VA			
		22231-1450 on <u> </u>			
Examiner: Lyle Alexander)				
)				
Art Unit: 1743)	Christine Kierzek			
)				
METHOD AND APPARATUS FOR)	Christine Kyerzeh 3/28/05			
MONITORING THE ENVIRONMENT)	Signature () Date			
WITHIN A MICROFLUIDIC DEVICE)				

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated January 27, 2005, please amend the above-identified application as follows:

- Amendments to the Claims is reflected on page 2 of this paper.
- Remarks begin on page 8 of this paper.

MAR 3 0 2005
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plus sign (+) inside this box

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required TRANSMITTAL		Application Number		10/045,937			
FORM		Filing Date		10/19/2001			
(to be used for all correspondence after initial filing)		First Named Inventor		David J. Beebe et al.			
			Group Art Unit		1743		
		Examiner Name		Lyle Alexander			
Total Number of Pages in This Submission		Attorney Docket Number		282.020			
		ENCLOSURES	(check all that app	ly)			
Fee Transmittal	Form	Assignm (for an A	nent Papers Application)		After Allowance Communication to Group		
Fee Atta	ched	Drawing	g(s)		Appeal Communication to Board of Appeals and Interferences		
X Amendment / R	eply	Licensing-related Papers			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Fin:	al	Petition			Proprietary Information		
Affidavits	s/declaration(s)	Petition to Convert to a Provisional Application			Status Letter		
Extension of Tir	me Request	Power of Attorney, Revocation Change of Correspondence			Other Enclosure(s) (please identify below):		
Express Aband	Express Abandonment Request Termina		al Disclaimer	Ret	urn Postcard		
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Certified Copy of Document(s)	Certified Copy of Priority Document(s) CD, Nun		mber of CD(s)				
Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53							
	SIGNATI	JRE OF APPLIC	CANT, ATTORNEY,	OR AGI	ENT		
Firm	Peter C. Stomma, R						
or							
250 East Wisconsin Avenue, Suite 1030							
l v	Milwaukee, WI_532 02						
Signature							
Date 3/28/05							
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